

25X1

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

SECRET - U.S. OFFICIALS ONLY

COUNTRY	Czechoslovakia	REPORT	
SUBJECT	V. I. Lenin Works, Pilsen	DATE DISTR.	24 January 1955
		NO. OF PAGES	8
DATE OF INFO.		REQUIREMENT NO.	RD
PLACE ACQUIRED		REFERENCES	

25X1

This is UNEVALUATED
 Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
 THE APPRAISAL OF CONTENT IS TENTATIVE.
 (FOR KEY SEE REVERSE)

1. The V.I. Lenin Works, National Enterprise, is located in the western outskirts of the city of Pilsen. The plant is surrounded by a wall $3\frac{1}{2}$ meters high.
2. Total number of employees in the Lenin Works at Pilsen is 25,000 including 10,000 women. No brigade workers or prisoners are employed there. There is a great shortage of skilled workers.
3. Gross monthly wage for a skilled worker engaged in final assembly of machines is 1,600 - 1,800 Kcs; for a turner, 900 Kcs; for a milling turner, 700 Kcs. Workers are dissatisfied with the low wages and grumble about the high cost of living.
4. Attached to every department is a workers' dining room. About 20% of all employees have their meals there regularly. About 10% of workers live in houses belonging to the Lenin Works.
5. Ten-minute lectures and meetings supplemented by indoctrination lectures are held once a week.
6. Two or three guards are on duty at every gate, with the exception of gate No. 1; where there are four guards. They carry pistols. In all workshops, except military shops, and at the entrance to offices, women perform guard duties. Every observation tower in the Works is manned by one Interior Guard, equipped with a machine gun and a rifle.

25X1

SECRET - U.S. OFFICIALS ONLY

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC		ORR	EV	X		
-------	---	------	---	------	---	-----	---	-----	--	-----	--	-----	----	---	--	--

(NOTE: Washington distribution indicated by "X"; Field distribution by "#".)

SECRET - U.S. OFFICIALS ONLY

25X1

-2-

7. In Machine-tools Plant No. 2 60% of the machines are of Czechoslovak origin, and of these 10% are new; 40% are of German origin, mostly about 10 years old. This shop has the following equipment. (See Annex B).

25X1

- South: Line
1. 32 small lathes - turning length 1000 mm.
 2. 10 medium-sized lathes, turning length from 1500 to 3000 mm.
 3. 8 large lathes, turning length 2000x 4000 mm.
 4. Same as No. 3.
 - 5-8. Assembly.
 9. 2 drilling machines for gun barrels.
 10. 1 large planing machine, 1 large horizontal drilling machine.
 11. 2 rifling machines for gun barrels.
 12. 1 large planing machine and 1 large milling machine
(both made by a German firm, Waldrich).
 13. 1 broaching machine and 1 rifling machine.
 14. 1 rifling machine and 4 external grinding machines for grinding crankshafts.
 15. 2 drilling machines.
- North: Line
1. 24 lathes, up to 1,500 mm. turning length.
 2. 10 lathes, turning length from 1500 to 3000 mm.
 3. 10 milling machines, 1 precision drilling machine (Swiss), 1 horizontal drilling machine (Union).
 4. 3 small planing machines, 4 shaping machines, 2 vertical planing machines.
 5. 3 small planing machines, 4 shaping machines, 2 vertical planing machines.
 6. 4 vertical planing machines, 2 small planing machines; the rest of the space is being adapted to a mass production line for military purposes.
 7. 4 radial drilling machines, 6 horizontal drilling machines.
 8. 1 drilling machine for gun-barrels, 2 horizontal drilling machines, locksmiths' benches.
 9. 1 honing machine (lead lap), 2 horizontal drilling machines, 1 grinding machine.
 10. 2 large lathes for machining surfaces of gun barrels, one machine for crankshafts, a prototype made at the Lenin Works.
 11. 2 honing machines, 1 machine for machining crankshafts.
 12. 2 large lathes for machining gun-barrel surfaces, 2 grinding machines with magnetic chuck.
 13. 4 grinding machines.
 14. 18 milling machines of various types and sizes.
 15. Horizontal drilling machine used for drilling crankshafts; testing of finished machines.

8. The following parts and machines were produced in Machine-tools Plant No. 2: Bridge blocks for A.A. guns (calibre 100 - 120 mm.); A.A. gun barrels (calibre 100-120 mm.); horizontal lathes, turning length 3,000 - 10,000 mm.; horizontal machines, types 120, 160, 200 ("type" means the diameter of the drilling spindle; in type 200 there is one spindle of 200 mm. in diameter and one of 60 mm. diameter.); also crankshafts, length 1500 to 3000 mm.; and tools for machining crankshafts. Drilling machines and lathes are for export to Russia.

9. In Machine-tools Plant No. 2 the Five-Year Plan was being fulfilled 80%.

10. Manager of Machine-tool department No. 2 is Holznecht (fnu) 25X1

25X1

11. Electricity for the Works is supplied by the power plant at Zbuch (N49-41, E13-13). Only about 10% of the total consumption is supplied by the Works' own power plant.

12. Machines exported to the USSR are poorly finished and not precise, which is mainly due to the short delivery terms.

SECRET - U.S. OFFICIALS ONLY

SECRET - U.S. OFFICIALS ONLY

-3-

Annex A

25X1

Legend to Sketch of V.I. Lenin Works, Pilsen

1. At the eastern end of the north side of Tylova Street, which leads into Skvrnanska Road, is the Research & Experimental Institute, in a two-story building, 20 x 15 meters. Here metals are chemically analyzed and tested for durability and resistance.
2. In the northeast corner of the factory enclosure is the hardening plant, 70 x 40 x 20 meters. Only large pieces are hardened there.
3. Main gate (No. 1), located some 30 meters west of the hardening plant, on the south side of Tylova Street.
4. All central offices of the Works are in three-story buildings, 200 x 12 meters, located west of the main gate.
5. A workshop, 280 x 25 x 25 meters, purpose unknown.
6. Artillery-shells-turning shop, located along the east fence, adjoining the hardening plant. Size: 100 x 20 x 20 meters.
7. Artillery-shells-pressing shop, also attached to the hardening shop 25 meters west of the turning shop. Size : 100 x 20 x 20 meters.
8. Garages for tractors and trucks, located 50 meters west of the hardening shop and 25 meters south of the office building. Size: 35 x 25 x 15 meters.
9. Machine shop (called "Apretura") is 15 meters south of the office buildings and 15 meters west of the garages. Size: 130 x 80 x 12 meters. Large crankshaft pieces are machined there.
10. A building, 15 x 10 meters, is located 15 meters south of the offices and 12 meters west of the machine shop. Purpose unknown.
11. Food store, two stories, 25 x 12 meters.
12. Cooling tower, 30 meters high, for cooling water for the smithy, and a water tank, located 15 meters south of the building No. 10.
13. Fire brigade depot, 15 x 15 meters, two stories .
14. Mobile crane, capacity 30 tons, moves on a track 60 meters long with rails 15 meters apart. Below the crane is an open-air store of drawn iron.
15. Plumber's shop, 80 x 20 x 12 meters. It operates only for the Lenin Works.
16. A small smithy, 90 x 80 x 30 meters, attached to the west side of the plumber's shop. Only large pieces of iron are forged here.
17. Crane, attached to the western wall of the smithy. It moves along a track 60 meters long with rails four meters apart. Used for transporting moulds to the smithy.
18. Department No. 45 (secret military production) is located 15 meters west of the smithy and 30 meters south of the food store. Size: 80 x 60 x 20 meters. Parts of machines ordered by the military authorities are sent to this department, where final assembly is carried out.
19. The foundry, 100 x 100 x 35 meters, is attached to the western part of Department 45. Two chimneys are on the north side and one on the west (19a).
20. Gate No. 4, located 10 meters south of the artillery-shells-turning shop. It is five meters wide.
21. Former store of spares for automobiles and electric equipment, 160 x 25 x 15 meters, in the immediate vicinity of gate No. 4.

25X1

SECRET - U.S. OFFICIALS ONLY

SECRET - U.S. OFFICIALS ONLY

Annex A (cont'd)

25X1

-4-

22. Railway depot for the plant and railway offices, 25 x 15 meters, single story.
23. Engine shed and railroad car repair shop, 70 x 25 x 25 meters.
24. Concrete bridge over the RR tracks, connecting north and south parts of the Works. Height: 17 meters; width: 9 meters; length: 130 meters.
25. Steel footbridge, also linking the northern and southern parts of the plant. It is covered, and has a wooden observation tower with one Interior Guard permanently on duty. He is armed with a submachine gun.
26. Second concrete bridge 400 meters west of the footbridge, height 17 meters; width 9 meters; length 130 meters.
27. Details of this section of Works grounds unknown. Source cannot estimate the overall size of the factory grounds.
28. Crane is 30 meters south of the railroad station. It moves on rails 25 meters long and 10 meters apart. One rail is on buildings Nos. 29 and 30. Below the crane is a store of semifinished products and castings.
29. Machine-tools Plant No. 1, 80 x 60 x 20 meters.
30. Ambulance garage, 15 x 16 x 7 meters, housing four ambulances.
31. Machine shop and medical center, two-story building, 25 x 15 meters. The machine shop, from which gas and steam are distributed to the northern part of the works, is on the ground floor, and the medical center (four surgeons, a pharmacy) on the second floor.
32. Cogwheel shop, 100 x 60 x 15 meters, is situated 15 meters west of the machine shop and the health center.
33. Tool shop No. 1, 100 x 60 x 15 meters. All tools are used by Lenin Works are made here.
34. Secret department (former motor-car factory) is situated eight meters west of tool shop No. 1. Size: 100 x 50 x 15 meters. Production unknown to Source.
35. Tank-engines-testing shop, 100 x 40 x 15 meters, 25 meters west of the secret department.
36. Screw shop, 100 x 70 x 15 meters, produces screws and nuts which are nickel- and cadmium-plated.
37. Machine-tools Plant No. 2, 180 x 150 x 25 meters, 75% of its output is machine tools, 25% is war production.
38. Spring shop, 80 x 30 x 15 meters. All kinds of springs and coils are made here.
39. Open-air store of castings for Machine-tools Plant No. 2.
40. Another medical center, in a wooden hut, 20 x 15 x 3 meters.
41. A small gun shop, four-story building, 90 x 50 meters.
42. Military guardroom, 5 x 5 meters, with an observation tower 15 meters high, located in the southeast corner of the grounds.
43. Food store and shop. Size: 30 x 25 x 7 meters.
44. Gas container, 15 meters in diameter, and 35 meters high.
45. Gas works, two stories, 35 x 25 meters.

25X1

25X1


SECRET - U.S. OFFICIALS ONLY

SECRET - U.S. OFFICIALS ONLY

-5-

Annex A (cont'd)

25X1

- 46. Apprentice workshops and school, 60 x 80 meters, two-storied.
- 47. Machine repair shop, 100 x 50 x 20 meters. Machinery of the Lenin Works is repaired there.
- 48. Gate No. 5.
- 49. Military guard room and billets, in a wooden hut, 8 x 5 x 3 meters.
- 50. Oil, gasoline, and grease store, 40 x 30 x 7 meters.
- 51. Bombed-out building, 80 x 70 meters.
- 52. Tool shop No. 2; size 60 x 50 x 20 meters.
- 53. Medical center; 10 x 8 x 3 meters.
- 54. Light metals foundry, called "Metalka", 80 x 50 x 30 meters.
- 55. Works grounds 

25X1

25X1

SECRET - U.S. OFFICIALS ONLY

- 6 -

Not to scale

SECRET - U.S. OFFICIALS ONLY

SECRET - U.S. OFFICIALS ONLY

Annex B

25X1

-7-

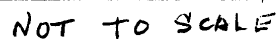
Legend to the sketch of Machine-Tools Plant No. 2. (Item 37 of Annex A)

- 1 - 15. Lines of machines, separated by pillars supporting mobile cranes.
16. Offices
17. Entrance for pedestrians and guardroom.
18. Dining hall and room where Works meetings are held.
19. Lavatories.
20. Electric switchboard.
21. Welding shop.
- 21a. Precision drilling machine.
22. Repair shop.
23. Sand pit.
24. Tool issue department.
25. Lavatories.
26. Tool store.
27. Store of lubricating oils, greases, and cleaning rags.
28. Car entrance and guardroom.
29. Tool-grinding shop.
30. Canteen.
31. Oil, grease, gasoline, and rags issue department.
32. Paint shop and electrical shop.
33. Assembly.

SECRET - U.S. OFFICIALS ONLY

- 4 -

Machine-tools Plant No. 2
of the V. I. Lenin Works, Pilsen



Approved For Release 2007/11/01 : CIA-RDP80-00810A005500770008-2